

# METHOD OF DETERMINING AN OPTIMAL CONTROL PROFILE FOR ADJUSTING TRAY-IN/OUT SPEEDS OF AN OPTICAL DISK DRIVE

## Abstract

The present invention discloses an adjusting method applicable to tray-in and tray-out speeds in optical disk drives. Firstly, a number of control profiles are set up, a tray-out operation of is executed by an initial control profile, and the tray speed measured by means of sensors. If the tray speed is not acceptable, then an optimal control profile is selected from the preset control profiles according to the unacceptable tray speed.